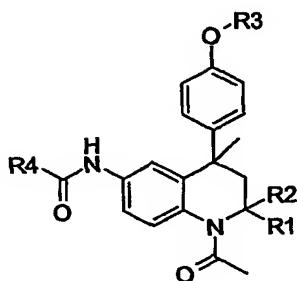


Claims

1. A tetrahydroquinoline derivative according to Formula 1,



Formula I

- 5 or a pharmaceutically acceptable salt thereof, wherein
 R¹ and R² are H, Me;
 R³ is (2-6C)heterocycloalkyl(1-4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl,
 (6C)aryl(1-4C)alkyl, (1-4C)(di)alkylaminocarbonylamino(2-4C)alkyl, (2-
 6C)heterocycloalkylcarbonylamino(2-4C)alkyl, R⁵-(2-4C)alkyl or R⁵-carbonyl(1-
 10 4C)alkyl;
 R⁴ is (2-5C)heteroaryl, (6C)aryl, (3-8C)cycloalkyl, (2-6C)heterocycloalkyl or (1-
 6C)alkyl
 R⁵ is (di)(1-4C)alkylamino, (1-4C)alkoxy, amino, hydroxy, (6C)arylarnino,
 (di)(3-4C)alkenylamino, (2-5C)heteroaryl(1-4C)alkylamino, (6C)aryl(1-
 15 4C)alkylamino, (di)[(1-4C)alkoxy(2-4C)alkyl]amino, (di)[(1-4C)alkylamino(2-
 4C)alkyl]amino, (di)[amino(2-4C)alkyl]amino or (di)[hydroxy(2-
 4C)alkyl]amino.
2. The derivative according to claim 1 wherein R³ is (2-6C)heterocycloalkyl(1-
 4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl, (2-6C)heterocycloalkylcarbonylamino(2-
 20 4C)alkyl, R⁵-(2-4C)alkyl or R⁵-carbonyl(1-4C)alkyl.
3. The derivative according to claims 1 or 2 wherein R⁵ is (di)(1-4C)alkylamino,
 amino, (di)(3-4C)alkenylamino, (2-5C)heteroaryl(1-4C)alkylamino or
 (6C)aryl(1-4C)alkylamino
4. The derivative according to claims 1-3 wherein R⁵ is (di)(1-4C)alkylamino or
 25 amino.

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5. The derivative according to claims 1-4 wherein R⁵ is (di)(1-4C)alkylamino.
6. The derivative according to claims 1-5 wherein R⁴ is (6C)aryl.
7. The derivative according to claims 1-6 wherein R³ is (2-6C)heterocycloalkyl(1-4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl or R⁵-(2-4C)alkyl.
8. A pharmaceutical composition comprising the tetrahydroquinoline derivative of any one of claims 1-7 and pharmaceutically suitable auxiliaries.
9. The tetrahydroquinoline derivative of claims 1-7 for use in therapy.
10. Use of the tetrahydroquinoline derivative of any one of claims 1-7 or a pharmaceutically acceptable salt or solvate thereof for the manufacture of a medicament for fertility regulation.